

Minimum Effective Gap = 9.876

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

Regression Line Through Points = -----
Dimensions in mm



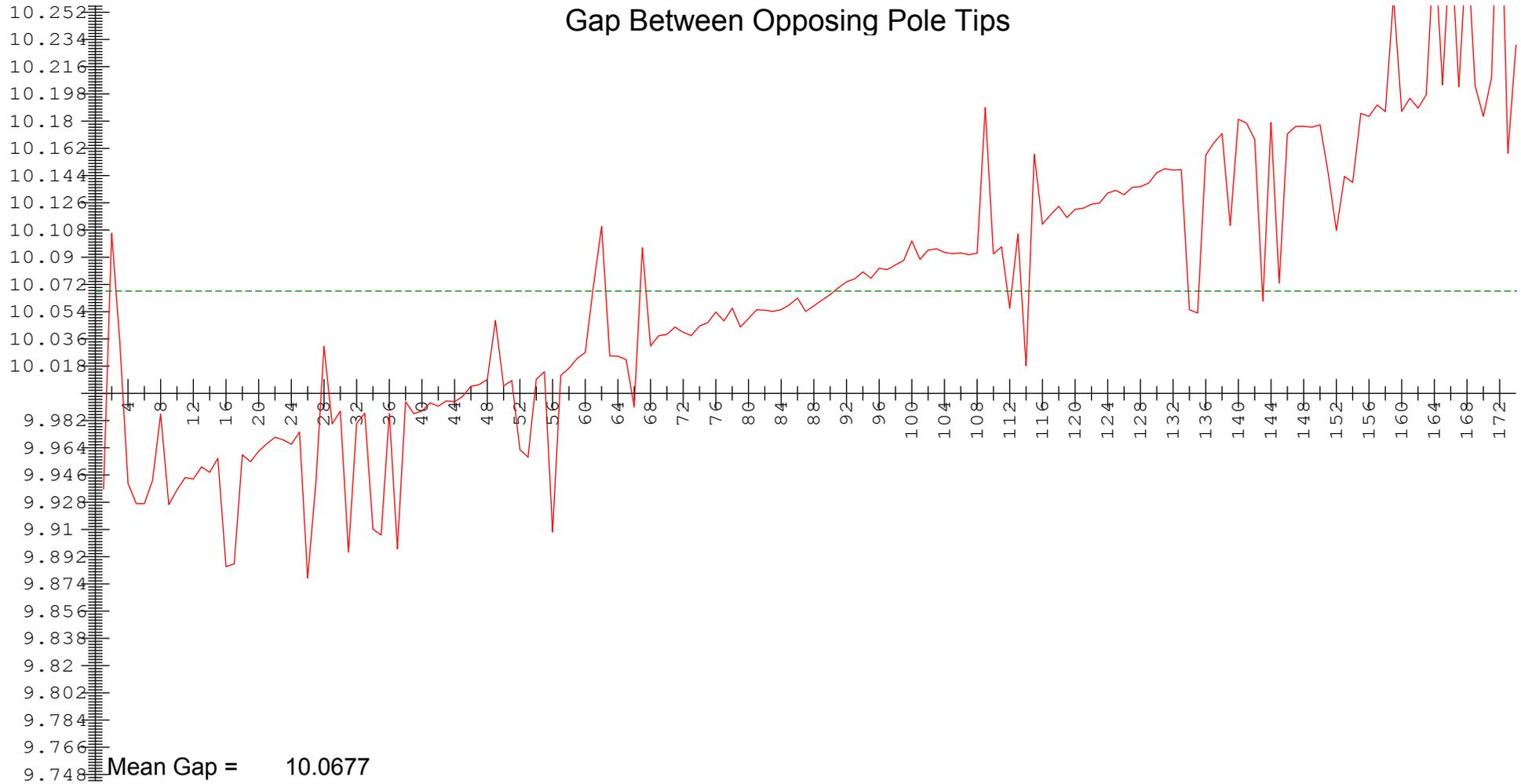
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300

Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

13-SEP-2018
S/N = 001
D/S = 0004
Run = 15

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

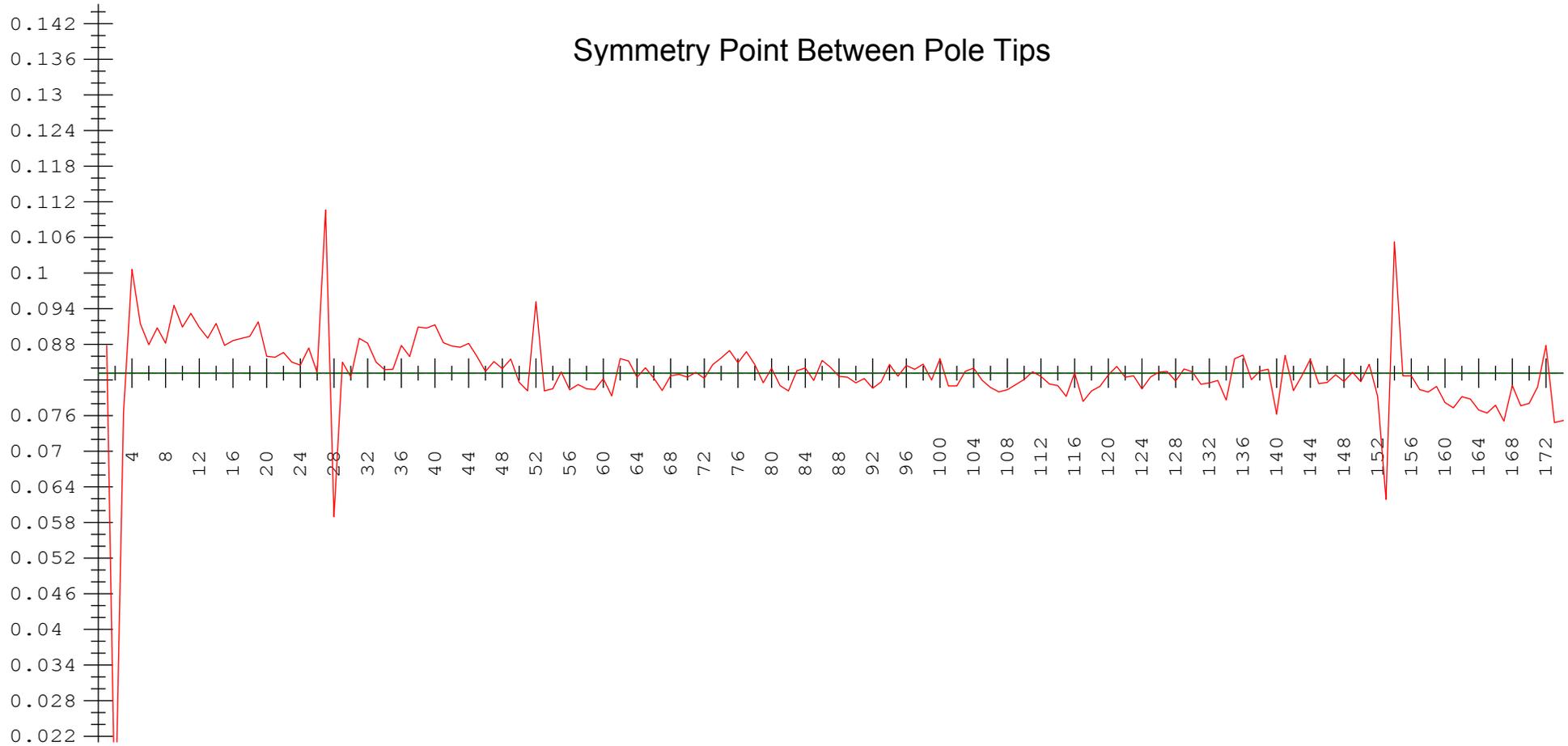


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0831

Step Between Measured Pole Tips = 1

Dimensions in mm



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Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	5.0473	5.0779	5.1552	5.1866
Bottom	-4.8748	-4.9082	-4.9923	-5.0265
Gap	9.9222			10.2131
Taper				0.2910

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1170	-4.9507	10.0677	0.0831

Additional Calculated Values

Bottom Pole #1 Z Value	979.975
Top Jaw Pitch (mrad)	0.041
Bottom Jaw Pitch(mrad)	-0.045
Minimum Effective Gap	9.876
Reference Block Gap	6.807

Dimensions in mm



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